PART IV
Course Descriptions

Courses are numbered as follows: freshmen - 100 level; sophomores - 200 level; juniors - 300 level; seniors - 400 level; graduate students - 500 & 600 level. Certain 300- and 400-level courses may be taken by graduate students for graduate credit; in such cases, graduate students complete additional research assignments to bring the courses up to graduate level rigor. The letter G in parentheses, (G), appears at the end of those 400-level undergraduate course descriptions which are approved for graduate level work. Only students admitted to the Graduate School may enroll in 500 & 600 level courses.

No credit is allowed in any curriculum for any course with a catalog number beginning with zero (0) (e.g. ENGL 099). These courses are open only to those students who place in them by examination.

The numerical listing after each course title gives the following information: the first number represents lab hours per week; the second digit represents the number of 75-minute lecture periods per week; the third digit is the semester credit hours earned for completion of the course. A few courses will have a fourth digit in parentheses. This means the course may be repeated for credit and the fourth digit designates the total amount of semester hour credit that may be earned through repetition of the course. Typically, these courses are research-, performance-, or project-oriented and found in the 300-, 400-levels (undergraduate student) or 500-, 600-levels (graduate student).

Some courses require the student to complete a prerequisite course or to secure special permission from faculty prior to enrolling in the course. These prerequisites are listed immediately after the numerical semester hour designations. Each student is responsible for completing prerequisite course work requirements and special instructions.

NOTE: Course offerings for each term are listed in the Quarterly Schedule of Classes, published prior to Early Registration each quarter. Offerings by quarter are subject to change to accommodate needs of students.

ACCOUNTING (ACCT)


202: Principles of Managerial Accounting, 0-3-3. Preq., ACCT 201 or 206. Basic understanding of managerial accounting concepts and the significance of accounting information for managerial decision-making.

206: Financial Accounting for Entrepreneurs. 0-3-3. Not open to students enrolled in the CAB. This course is designed to provide basic understanding of financial accounting and reporting from an entrepreneurial perspective.


305: Intermediate Accounting, 0-3-3. Preq., ACCT 304. The theory and application of accounting procedures to financial reporting.


308: Managerial Cost Accounting, 0-3-3. Preq., ACCT 202. A study of cost systems; accounting peculiar to manufacturing enterprises; making cost statements; and solving cost problems.

401: Internship in Accounting I, 3 hours credit. (Pass/Fail) Preq. consent of instructor and senior standing. On site, supervised, structured work experiences in the field of business.

402: Internship in Accounting II, 3 hours credit. (Pass/Fail) Preq. consent of instructor and senior standing. On site, supervised, structured work experiences in the field of business.

404: Tax Factors in Entrepreneurial Decision Making, 0-3-3. Preq., ACCT 201 or 206. Not open to undergraduate accounting majors or MPA students. This course is designed to provide non-accounting majors with an understanding of major federal income tax, estate, and gift tax issues that confront entrepreneurs. (G)

406: Advanced Income Tax, 0-3-3. Preq., ACCT 307. A continuation of ACCT 307 with further study into tax problems of fiduciaries, partnerships, and corporations; solutions of problems. (G)

412: Municipal and Government Accounting, 0-3-3. Preq., ACCT 303. Accounting procedures of the Federal, municipal, and state governments. Attention is given to the preparation of budgets, financial statements, and to budgetary control.

413: Auditing, 0-3-3. Preq., ACCT 305. The study of basic auditing concerns, objectives and methodology.

414: Advanced Accounting, 0-3-3. Preq., ACCT 305. Study of business combinations and consolidated financial statements; partnerships; international operations; fiduciary accounting; and governmental and not-for-profit entities. (G)


491: Advanced Theory of Accounting, 0-3-3. Preq., permission of adviser. Intensive study of current advanced accounting theory. (G)

493: Advanced Auditing, 0-3-3. Preq., ACCT 413. Intensive study of professional conduct, auditing standards, auditor’s liability, reports, and internal auditing. (G)

505: Accounting Analysis and Decision-Making, 0-3-3. Preq., ACCT 201 and 202. A study of accounting data and their uses with the goal of aiding management in the use of such data for decision making.


507: Contemporary Accounting Theory, 0-3-3. Preq., ACCT 305. An intensive study of recent developments, research and literature in accounting theory promulgated by the various professional accounting associations and related financial organizations.


513: Advanced Auditing, 0-3-3. Preq., ACCT 413. Intensive study of professional conduct, auditing standards, auditor’s liability, reports, statistical sampling, and internal auditing.

517: EDP Accounting, 0-3-3. Preq., ACCT 413. A study of the accounting procedures and systems in a computer-intensive environment, including the proper utilization of computers in auditing the firm.


542: Seminar in Professional Development, 0-3-3. Preq., ACCT 413. Accounting judgment and decision analysis requiring the integration of knowledge from accounting and accounting related courses; cases address multifaceted accounting issues including professional, ethical, cultural, and other contemporary concerns.

550: Directed Study in Accounting, 1-3 hours credit. Hours and credits to be arranged. Consent of instructor and approval of department head required. Special problem or specific area of accounting.

606: Seminar in Financial Accounting, 0-3-3. Preq., ACCT 305. Requires Doctoral standing. May require additional class meetings. A brief historical development of accounting thought followed by investigations into controversial and special areas of financial accounting. Credit will not be given for ACCT 606 if credit is given for ACCT 506.

607: Contemporary Accounting Theory, 0-3-3. Preq., ACCT 305. Requires Doctoral standing. May require additional class meetings. An intensive study of recent developments, research and literature in accounting theory promulgated by the various professional accounting associations and related financial organizations. Credit will not be given for ACCT 607 if credit is given for ACCT 507.

608: Advanced Managerial Accounting, 0-3-3. Preq., ACCT 308. Requires Doctoral standing. May require additional class meetings. A study of the role of accounting in supporting the management of organizations. Credit will not be given for ACCT 608 if credit is given for ACCT 508.

610: Theory of Accounting Research, 0-3-3 Preq., Doctoral Standing with MPA or equivalent. Accounting research design and methodology from a theoretical perspective and identification of potential behavioral and managerial accounting dissertation topics.
613: Advanced Auditing. 0-3-3. Preq., ACCT 413. Requires Doctoral standing. May require additional class meetings. Intensive study of professional conduct, auditing standards, auditor’s liability, reports, statistical sampling, and internal auditing. Credit will not be given for ACCT 613 if credit is given for ACCT 513.


617: EDP Accounting. 0-3-3. Preq., ACCT 413. Requires Doctoral standing. May require additional class meetings. A study of the accounting procedures and systems in a computer-intensive environment, including the proper utilization of computers in auditing the firm. Credit will not be given for ACCT 617 if credit is given for ACCT 517.

619: International Accounting. 0-3-3. Preq., ACCT 305. Requires Doctoral standing. May require additional class meetings. A study of the financial and managerial accounting issues and practices related to the globalization of business. Credit will not be given for ACCT 619 if credit is given for ACCT 519.

620: Accounting Research Applications. 0-3-3. Preq., Doctoral standing with MPA or equivalent. Consideration of basic and applied accounting research with an emphasis on research design and the further development of dissertation topics.

621: Cases and Problems in Income Taxes. 0-3-3. Preq., ACCT 307. Requires Doctoral standing. May require additional class meetings. Research cases covering various phases of income taxes; study of some source materials and research methods for ascertaining current rulings and trends in laws and regulations. Credit will not be given for ACCT 621 if credit is given for ACCT 521.

642: Seminar in Professional Development. 0-3-3. Preq., ACCT 413. Requires Doctoral standing. Accounting judgment and decision analysis requiring the integration of knowledge from accounting and accounting related courses; cases address multifaceted accounting issues including professional, ethical, cultural, and other contemporary concerns. Credit will not be given for ACCT 642 if credit is given for ACCT 542.

650: Directed Study in Accounting. 1-3 hours credit. Hours and credits to be arranged. Consent of instructor and approval of department head required. Special problem or specific area of accounting.

685: Comprehensive Exam in Accounting. No credit. Doctoral standing required. Required for all business administration doctoral students seeking to take the comprehensive exam in accounting. Successful completion is a prerequisite to the oral comprehensive exam for those seeking a primary field or examined minor in accounting. Requires consent of graduate director.


150: Academic Counseling. 0-1-1. (Pass/Fail). Preq., Consent of instructor. Identification and supervision of students in business needing additional academic counseling.

189: Special Topics. 1-4 hours credit. Selected topics in an identified area of study in the College of Administration and Business. May be repeated for credit

194: Special Topics. 1-4 hours credit. Selected topics in an identified area of study in the College of Administration and Business. May be repeated for credit.

289: Special Topics. 1-4 hours credit. Selected topics in an identified area of study in the College of Administration and Business. May be repeated for credit.

294: Special Topics. 1-4 hours credit. Selected topics in an identified area of study in the College of Administration and Business. May be repeated for credit.

300: Special Problems. 0-3-3. Preq., approval of instructor and department head. Selected contemporary business and economics topics. Topic will determine course admissions criteria.

301: Independent Study. 1-3 hours credit. Preq., approval of instructor and department head. Selected contemporary business and economics topics. Normally taken only by CAB students in their curricular specialty.

389: Special Topics. 1-4 hours credit. Selected topics in an identified area of study in the College of Administration and Business. May be repeated for credit.

394: Special Topics. 1-4 hours credit. Selected topics in an identified area of study in the College of Administration and Business. May be repeated for credit.

400: Special Problems. 0-3-3. Preq., Approval of instructor, department head, and dean. Special contemporary business and economic topics. Topic will determine course admissions criteria.

401: Independent Study. 1-3 hours credit. Preq., Approval of instructor, department head, and dean. Selected contemporary business and economic topics in a student's curricular specialty.

410: Internship in Business Administration. 3 hours credit. (Pass/Fail). Preq., consent of instructor and senior standing. On-site, supervised, structured work experiences in the field of business.

444: Critical Thinking for Business. 0-3-3. An overview of the elements of thinking, reasoning, and questioning as applied to business decision-making.

489: Special Topics. 1-4 hours credit. Selected topics in an identified area of study in the College of Administration and Business. May be repeated for credit.

494: Special Topics. 1-4 hours credit. Selected topics in an identified area of study in the College of Administration and Business. May be repeated for credit.

495: Business Administration Capstone. 0-3-3. Preq., all core business courses and senior standing in the College of Administration & Business. Administrative policy determination through integration and application of knowledge gained in previous courses; emphasizes interrelationships of major functions of business under conditions of uncertainty; utilizes case study approach.

515: Research and Thesis. 3 hours credit. Maximum credit allowed is 6 hours.

594: Special Topics. 1-4 hours credit. Preq., graduate standing. Selected topics in an identified area of study in the College of Administration and Business.

610: Current Topics in Research. 0-3-3. May be repeated. Required of resident DBAs each quarter. Non-degree credit. Pass-Fail. Research methodology, current research of doctoral candidates, faculty, invited lecturers.

685: Oral Comprehensive Exam. No credit. Doctoral standing required. Required for all business administration doctoral students. Successful completion of the oral comprehensive exam is a prerequisite to beginning the doctoral dissertation. Requires consent of graduate director and advisory committee chair.

690: Research and Dissertation. 3 hours credit. Minimum credit allowed is 15 hours.

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**AGRICULTURAL BUSINESS (AGBU)**

220: Principles of Agricultural Economics. 0-3-3. Economic theory with application to production, marketing, and financing in agribusiness. Institutions such as cooperatives, farm credit systems, foreign agricultural trade, and government will be emphasized.

310: Agricultural Policy. 0-3-3. The impact of agricultural policy on the farm firm and agribusiness industry. Emphasis is placed on policy issues affecting producers and consumers of agricultural products.

402: Economics of Farm Management. 0-3-3. Economics principles applied to individual farm organization and management and study of farm accounting systems. (G)

430: Principles and Practices of Agricultural Marketing. 0-3-3. Methods and channels of agricultural marketing; marketing principles; governmental action concerned with the marketing process; analysis and evaluation of marketing problems. (G)

450: Natural Resource Economics. 0-3-3. Tools for economic decision-making applied to the use and allocation of natural resources associated with agriculture. CostS and benefits of various approaches to natural resource management.

460: Agricultural Finance. 0-3-3. Analysis of financial investments in the agricultural firm, credit sources, debt repayment, capital allocation, and the use of short, intermediate, and long-term credit. (G)

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**AGRICULTURAL EDUCATION (AGED)**

450: Advanced Agricultural Shop Methods and Safety. 3-2-3. Preq., AGSC 209 and 211. Methods and techniques for instruction in agricultural shop safety and power tool use in the high school agricultural shop laboratory. (G)

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*This course will be accepted for general education transfer credit. A course MAY or MAY NOT be accepted as equivalent to or substitute for a course in a specific discipline or major. Please check the Board of Regents Web site at [http://www.regents.state.la.us](http://www.regents.state.la.us) and the school you are transferring to for additional information.*
460: Fundamentals of Agricultural Education. 0-3-3. History, traditions, and guidelines of agricultural education. Consideration of federal, state, and local laws and regulations concerning agricultural education and Louisiana’s public high schools. (G).

AGRICULTURAL SCIENCE (AGSC)

201: Microcomputer Applications. 0-3-3. Introduction to microcomputers with specific applications in filing conventions, word processing, spreadsheets, electronic communications, and other topics.

209: Small Engines. 3-0-1. Principles of operation, construction, application, maintenance, and overhaul procedures of small internal combustion engines.

211: General Shop. 6-0-2. Care and use of tools, gas and electric welding, cold metal work, and woodworking.

320: Statistical Methods. 0-3-3. Preq., sophomore standing or above. Introduction to descriptive and inferential statistics, probability, sampling distributions, confidence intervals, hypothesis testing, ANOVA, correlation and regression, with an emphasis on biological data and applications.

321: Electricity Applied to Bio-Systems. 3-2-3. Practical application of electricity to farm and forest operations including electric motors, safety, wiring, lighting, refrigeration, and heating.

411: Seminar. 0-1-1. Reviews, reports, and discussion of current problems in agriculture and related fields.

477: Cooperative Education Work Experience. 1-9 hours credit. May be repeated for credit. On-site supervised, structured work experiences located within a 100-mile radius of Ruston. Application and supervision fee required. Cannot be taken for credit if student has credit for ENSC 477.

478: Cooperative Education Work Experience. 1-9 hours credit. May be repeated for credit. On-site supervised, structured work experiences located within a 101- to 200-mile radius of Ruston. Application and supervision fee required. Cannot be taken for credit if student has credit for ENSC 478.

479: Cooperative Education Work Experience. 1-9 hours credit. May be repeated for credit. On-site supervised, structured work experiences located beyond a 201-mile radius of Ruston. Application and supervision fee required. Cannot be taken for credit if student has credit for ENSC 479.

516: Contemporary Topics. 1-6 hours credit (6). Examination and discussion of a variety of timely topics pertaining to the agricultural sciences. May be repeated with a change in subject matter.

AIR FORCE AEROSPACE STUDIES (AFAS)


155: AFROTC Leadership Laboratory. 1-0-0. Orientation and instruction in Air Force dress and grooming standards and application of Air Force discipline, customs and courtesies. Study of the Armed Forces and AFROTC grade structure, insignia, and chain of command. Introduction to military drill. (Pass/Fail)

156: AFROTC Leadership Laboratory. 1-0-0. Continuation in military customs and courtesies and military drill. Familiarization with Air Force services and activities. Application of physical fitness regimen to meet weight and fitness standards. (Pass/Fail)

157: AFROTC Leadership Laboratory. 1-0-0. Structure and functions within the cadet corps, wing and base organizations. Additional instruction in military customs, courtesies and drill. Application of physical fitness regimen to meet weight and fitness standards. (Pass/Fail)

225: The Development of Air Power I (GMC). 0-1-1. The beginnings of manned flight from balloons and dirigibles, to the Wright Brothers, World War I and the interwar years. Must be taken concurrently with AFAS 255.


255: AFROTC Leadership Laboratory. 1-0-0. Understanding the Air Force base environment. Application of Air Force standards, discipline, conduct, customs, and courtesies. Advanced drill positions and movements. Application of physical fitness regimen to meet weight and fitness standards. (Pass/Fail)

256: AFROTC Leadership Laboratory. 1-0-0. Understanding selected career areas available based on individual qualifications. Advanced drill movements to include review and ceremony procedures. Discussion of privileges and responsibilities associated with an Air Force commission. Physical fitness training. (Pass/Fail)

257: AFROTC Leadership Laboratory. 1-0-0. Advanced drill movements to include orientation in commanding a flight, command voice, and use of guidon. Preparation for summer field training. Application of physical fitness regimen to meet weight and fitness standards and conditioning for field training environment. (Pass/Fail)

331: Communications for the Air Force (POC). 0-2-2. Functions and formats of Air Force communications. Emphasis on written and oral communications used by junior officers. Must be taken concurrently with AFAS 351.


351: AFROTC Leadership Laboratory. 1-0-0. Attain leadership and management competence through participation in advanced leadership experiences. General structure and progression patterns common to selected officer career fields. Application of physical fitness regimen to meet weight and fitness standards. (Pass/Fail)

352: AFROTC Leadership Laboratory. 1-0-0. Continuation of advanced leadership experiences to attain leadership and management competence. Application of procedures for evaluating cadets. Application of physical fitness regimen to meet weight and fitness standards. (Pass/Fail)

353: AFROTC Leadership Laboratory. 1-0-0. Continuation of advanced leadership experiences to attain leadership and management competence. Comprehension of special summer training programs available to cadets. Application of physical fitness regimen to meet weight and fitness standards. (Pass/Fail)

431: National Security Policy and Professionalism. (POC). 0-2-2. Examination of the national security policy process and all of the key participants. Military professionalism and officiership will also be examined as to their impact on patterns of civil-military relations. Must be taken concurrently with AFAS 451.

432: Defense Strategy, Policy and Military Law (POC). 0-2-2. Examination of the methods of managing conflict to include arms control and the threat of war. The military justice system and professionalism will be covered as topics of special interest. Must be taken concurrently with AFAS 452.

433: Regional Studies and Preparation for Active Duty. (POC). 0-2-2. Examination of sensitive areas of the world and their impact on American National Security and what the new officer may expect on his/her initial assignment. Must be taken concurrently with AFAS 453.

451: AFROTC Leadership Laboratory. 1-0-0. Application of effective leadership and management techniques with individuals and groups. Comprehension of special education programs available to senior cadets. Application of physical fitness regimen to meet weight and fitness standards. (Pass/Fail)

452: AFROTC Leadership Laboratory. 1-0-0. Continuation of the application of effective leadership and management techniques with individuals and groups. Comprehension of Communications and Operations Security programs. Application of physical fitness regimen to meet weight and fitness standards. (Pass/Fail)

453: AFROTC Leadership Laboratory. 1-0-0. Continuation of effective leadership and management techniques with individuals and groups. Comprehension of active duty service commitments incurred throughout an officer's career. Understanding factors which facilitate a smooth
transition from civilian to military life. Application of physical fitness regimen to meet weight and fitness standards. (Pass/Fail)

**ANIMAL SCIENCE (ANSC)**

111: Introduction to Animal Science. 0-3-3. Introduction to the field of Animal Science with emphasis on breeds, terminology and basic husbandry practices of dairy and beef cattle, horses, swine, sheep and poultry.

113: Introduction to Animal Science Laboratory. 3-0-1. Practical application and study of the different areas of animal science.

201: Introduction to Poultry Science. 3-2-3. The principles and practices of breeding, incubation, nutrition, disease control, management practices and marketing of poultry.


204: Meat Animal and Carcass Evaluation. 3-2-3. Selection of carcasses and wholesale cuts of beef, pork, and lamb; factors influencing grades, yields, and values in cattle, hogs, and sheep.

211: Introduction to Equine Science. 0-3-3. A general survey of principles of horse management and husbandry, to include anatomy, unsoundness, nutrition, health and reproduction.

220: Introductory Horsemanship. 3-1-2. Introduction to methods and techniques for controlling and influencing the performance of horses.

301: Principles of Animal Nutrition. 0-3-3. Preq., ANSC 111 and CHEM 100 or 130. The source, chemical composition, and nutritive value of farm animal feedstuffs.


304: Dairy Manufacturing-Fluid Milk Products. 3-2-3. The sanitary production, transportation, processing, distribution, and public health inspection of milk and related products.

305: Dairy Manufacturing-Frozen Dessert Production. 3-2-3. The manufacture of ice cream and frozen dairy products.


309: Anatomy and Physiology of Animals. 3-2-3. Preq., BISC 130. The structures and functions of the tissues and organs of animals.

315: Meats. 6-1-3. Methods and practices involved in the processing and preservation of meats.

318: Physiology of Reproduction. 0-2-2. Preq., ANSC 111. Physiology of reproduction of domestic farm animals. Embryology and anatomy of reproductive systems; gametogenesis, fertilization, gestation and parturition.

322: Horse Behavior/Training I. 5-1-3. Horse behavior and application of principles of psychology to halter breaking, lead training and grooming weanling/yearling foal using pressure-release behavior modification techniques.

324: Yearling Foal Management. 8-1-2. Preq., ANSC 111 or 211. Techniques of halter breaking, lead training and grooming weanling/yearling foal using pressure-release behavior modification techniques.


401: Animal Breeding. 0-2-2. Principles and application of animal breeding, including gene frequencies, heritabilities, inbreeding coefficients, selection and mating systems. (G)


408: Swine Production. 3-2-3. Principles and practices of breeding, feeding, marketing and management of swine. (G)

409: Animal Archaeology. 3-2-3. Preq., BISC 214 or 260 and ANSC 307 or 309. The etiology, symptoms, prevention, control and eradication of the major diseases of farm animals. (G)

410: Beef Production. 3-2-3. Preq., ANSC 301 or 405. Principles and practices in breeding, feeding, marketing and management of beef cattle. (G)

411: Horse Production. 3-3-4. Preq., ANSC 111 or 211, and 318. Principles and practices in breeding, feeding, and management of horses. (G)

418: Assisted Reproduction Techniques. 3-2-3. Preq., ANSC 318. Application of assistive reproductive techniques in animals. Includes semen evaluation, processing, and preservation, artificial insemination, embryo transfer, pregnancy diagnosis, and other management techniques. (G)

420: Horse Behavior/Training II. 5-1-3. Preq., ANSC 322 or equivalent experience. Horse behavior and application of principles of psychology to ground driving, breaking and training 2- and 3-year old horses; preparation of horses for competition.

425: Special Problems in Animal Science. 1-3 hours credit. May be repeated for credit. Preq., Written consent of instructor. Foal management and sale preparation; steer fitting and showing; or topic selected with consent of adviser.

430: Dairy Plant Management. 6-1-3. Preq., ANSC 302, 304, 305. The management problems of dairy processing and manufacturing plants.

440: Equine and Livestock Operations. 0-3-3. Preq., ANSC 111 or 211. Study of unique aspects of procuring and operating different categories of horse units and relationships of such units to other livestock and farm enterprises. (G)

450: Advanced Animal Breeding. 0-3-3. Preq., ANSC 401 or consent of instructor. Advanced Quantitative Genetics principles applied to horses and livestock. Emphasis on theory and application of variance, selection, inbreeding and crossbreeding, scale, threshold and correlated characters. (G)

460: Advanced Horsemanship. 3-1-2. Preq. ANSC 330 or equivalent experience. Advanced methods and techniques for controlling and influencing the performance of horses.

470: Veterinary Techniques. 4-2-3. Preq., ANSC 309, 409, or special permission. Applications of veterinary diagnostic, therapeutic, and prophylactic techniques used in control of animal diseases. (G)

**APPLIED & NATURAL SCIENCES (ANS)**

189: Special Topics: 1-4 hours credit. Selected topics in an identified area of study. May be repeated for credit.

194: Special Topics: 1-4 hours credit. Selected topics in an identified area of study. May be repeated for credit.

289: Special Topics: 1-4 hours credit. Selected topics in an identified area of study. May be repeated for credit.

294: Special Topics: 1-4 hours credit. Selected topics in an identified area of study. May be repeated for credit.

389: Special Topics: 1-4 hours credit. Selected topics in an identified area of study. May be repeated for credit.

394: Special Topics: 1-4 hours credit. Selected topics in an identified area of study. May be repeated for credit.

394: Special Topics: 1-4 hours credit. Selected topics in an identified area of study. May be repeated for credit.

494: Special Topics: 1-4 hours credit. Selected topics in an identified area of study. May be repeated for credit.

598: Special Topics: 1-4 hours credit. Preq., Graduate standing. Selected topics in an identified area of study in the College of Applied & Natural Sciences.

594: Special Topics: 1-4 hours credit. Preq., Graduate standing. Selected topics in an identified area of study in the College of Applied & Natural Sciences.

**ARCHAEOLOGY (ARCE)**

401: Introduction to Archaeology. 4-2-3. An introduction to the techniques of research and field work in Archaeology. (G)

410: Selected Topics in Archaeology. 0-3-3 (6). Seminar in archaeology with topic designated by instructor. May be repeated for credit as topic changes. (G)

420: Indians of the Southwest. 4-2-3. A survey of Indian Archaeology in the southwestern United States. (G)

462: Christian Archaeology. 3-2-3. Preq., HIST 101 or consent of instructor or junior standing. A study of the archaeology, architecture, and inscription in early Christian sites in and nearby Rome. (G)
463: Etruscan Archaeology. 3-2-3. Preq., HIST 101 or consent of the instructor or junior standing. A study of the art, architecture, archaeology, history and inscriptions of the Etruscans. (G)

464: Roman Archaeology. 3-2-3. Preq., HIST 101 (or equivalent). A study of the monuments and antiquities of Classical Rome. (G)

466: Egyptian Archaeology. 3-2-3. Preq., HIST 101. The study of the archaeology, art, architecture, history, and inscriptions of the ancient Egyptians. (G)

ARCHITECTURE (ARCH)

110: Foundation Design I. 6-0-2. Empirical studies of the principles and processes related to the poetic and tectonic aspects of making architectural form.


130: Foundation Design III. 6-0-2. Preq., ARCH 120. Culmination of a three-course sequence studying the principles and processes related to the poetic and tectonic aspects of making architectural form.

131: Architectural Theory. 0-2-2. An examination of architecture as a language system, involving the investigation of its basic vocabulary and grammar and their development and refinement in the history of architecture.


201: Issue Investigation. 0-1-1. A synoptic examination of the principles of site analysis and planning as related to building.


211: Architectural History. 0-2-2. An examination of the classical language of architecture with specific reference to the contributions of the social, cultural, intellectual, technological contexts to its development.


221: Building Systems I. 0-3-3. Introduction to the concepts, principles, and conventions associated with a building’s structural and envelope systems.

222: Architectural History. 0-2-2. Preq., ARCH 211. An examination of the modern language of architecture with specific reference to the social, cultural, intellectual, and technological contexts to its developments.


231: Contemporary Architectural History. 0-2-2. Preq., ARCH 222. An examination of the various movements that have emerged since 1960 with reference to the social, cultural, intellectual, and technological contexts that fostered their developments.

232: Building Systems II. 0-3-3. Study of environmental and physical systems’ impact on building envelope and interior space design emphasizing passive energy techniques, daylight, electrical lighting and acoustics.


301: Computer Applications Colloquium. 0-2-2. Introduction to software applications that facilitate communications, design, drafting, modeling and research in the discipline of architecture.


311: Built Form and Behavior. 0-2-2. A critical analysis of the psychological, social and cultural factors that are manifest in and influenced by architectural form.

320: Architectural Design II. 9-0-3. Preq., ARCH 310 and 474. Examination of the relationship between architecture and its physical context with emphasis on site analysis, design methodology, light frame construction, and passive/sustainable systems.


332: Building Systems III. 0-3-3. A study of service systems’ impact on building envelope and interior spaces emphasizing plumbing, mechanical, electrical, and vertical transportation systems.

350: Visual Studies. 9-0-3-(6). Studies of the art and craft of building through the design and fabrication of architectonic objects.


400: Studio Problems. 6-0-2 (4). Specialized studio problems in aqueous media on paper.

402: Field Travel. 0-1-1 (3). The examination and analysis of contemporary architectural works and urban environments through participation in supervised travel.

403: Project Documentation. 9-0-3 (6). Preq., ARCH 474. The full documentation of a project of historic or architectural significance in Historic American Buildings Survey format.


410: Architectural Design III. 9-0-3. Preq., ARCH 320. Examination of site selection and program definition within varying contexts through schematic design studies emphasizing steel or concrete structural systems and active mechanical/electrical systems.

411: Planning and Urban Design Theory. 0-2-2. An examination of the process of design and change in urban environments, with discussion of strategies and processes for intervening in the development of these environments.


420: Architectural Design IV. 9-0-3. Preq., ARCH 410. Examination of the relationship between architecture and the public realm through detailed design and development emphasizing the integration of structural material and building system technologies.

421: Building Systems IV. 0-3-3. Study of the principles of structural behavior and varied building material assemblies through technical documentation.

431: Architectural Seminar I. 0-2-2 (6). Examination and investigation of selected topics associated with the internal logic of buildings: codes, building systems, construction materials, and assemblies.


445: Professional Problems. A(4 1/2-0-1); B(9 1/2-0-2); C(13 3/4-0-3). Individual study with variable credit of selected professional problems having educational significance. Topic and credit by agreement with the Department Head.

450: Related Readings. A(4 1/2-0-1); B(9 1/2-0-2); C(13 3/4-0-3). Guided readings in a specific aspect of architectural theory or practice under the supervision of a faculty member. Credit and topic by agreement with the Department Head.

471: Professional Practice I. 0-2-2. Architect’s role and responsibility in the project process of predesign, design, construction documents, and the administration of the construction contract.

472: Architectural Seminar II. 0-2-2 (6). Examination and investigation of selected topics associated with the practice of architecture: ethics, management, marketing, services, and finances.

473: Design Research. 0-2-2. A study of research method for the architect including the execution of scholarly research and programming as related to the degree design project.

474: Computers for Designers. 0-2-2. Development of fundamental skills in software applications associated with architectural production and project delivery.

480: Degree Design Project I. 12-0-4. Preq., ARCH 473. Initiation of the degree design project through multiple schematic design iterations that reconcile and resolve contextual, formal, functional, and ideological issues.

*This course will be accepted for general education transfer credit. A course MAY or MAY NOT be accepted as equivalent to or substitute for a course in a specific discipline or major. Please check the Board of Regents Web site at [http://www.regents.state.la.us/](http://www.regents.state.la.us/) and the school you are transferring to for additional information.
481: Professional Practice II. 0-2-2. Preq., ARCH 471. The business of architecture with a emphasis on practice trends of the future in respect to project and design management.

482: Architectural Programming. 0-2-2. Advanced techniques of research, analysis and programming through which the effect of pre-design issues and constraints are examined.

490: Degree Design Project II. 12-0-4. Preq., ARCH 480. A continuation of ARCH 480 emphasizing the detailed design development of the previously resolved schematic design.

491: Professional Practice III. 0-2-2. Preq., ARCH 481. The legal, ethical and moral issues of architectural practice as related to the changing professional context.


559: Specialized Individual Studio Problems. 6-1-3-(9). Permission and project approval must be obtained from Department Head.

**ART (ART)**

115: Design. 6-1-3. Formal problems of the theory and practice in the elementary principles of design.

116: Color Design. 6-1-3. Preq., ART 115 or ARCH 110. The study of color and the interaction of color in design.

117: Conceptual Design. 6-1-3. Preq., ART 116. A materials and techniques course with the emphasis on experimental investigations which combines both traditional and contemporary approaches.

118: 3-D Design. 6-1-3. Preq., ART 115. Problems in three-dimensional design and increased emphasis on the development of individual ideas through various materials such as clay, plaster, fiberglass, wood, and plastics.

119. Introduction to Graphic Design Software. 6-1-3. Preq., ART 115 and 116. Survey of the fundamentals of using graphics-creating software. Students will gain a working knowledge of the applications of specific software programs through design assignments.

125: Drawing. 6-1-3. A study of the principles underlying all creative and representation drawing.


160: Introduction to Graphic Design. 6-1-3. Preq., ART 116 and 126. An Introduction to the methods, processes, and principles of graphic design.

170: Introduction to Photography. 6-1-3. An introduction to the photographic medium through an exploration of basic tools, techniques, and aesthetics of 35mm black and white photography.

173: Intermediate Photographic Practices. 6-1-3. Preq., ART 170. Advanced black and white techniques covering exposure, development, and printing of small format negatives, with special emphasis on the use of the Zone System.

202: Woodshop Orientation. 3-0-1. A familiarization course for students, preparatory to their use of the woodshop. The course will be a hands-on introduction to all the equipment available for student use.

205: Introduction to Digital Photography. 6-1-3. Preq., ART 116, 173. Introduction to the basic functions of digital cameras and software for image manipulation. For Photography majors only.


221: Painting. 6-1-3. Preq., ART 220 and 225. Creative approach to the problems in painting with emphasis on the human figure.

225: Drawing. 6-1-3. Preq., ART 125 and 126. The study of human anatomy as related to problems of art.

228-229: Figure Drawing. 6-1-3 each. Preq., ART 125 and 126. Drawing in media from models.

240: Ceramics. 6-1-3. Introductory course on methods of ceramic construction with emphasis on the creative aspects of pottery.

241: Ceramics. 6-1-3. Emphasis on the use of the potter's wheel.


261: Production. 6-1-3. Preq., ART 160. Introduction to the techniques and technology involved in preparing graphic design projects for printing.

262: Layout. 6-1-3. Preq., ART 260. Studio projects exploring contemporary graphic design formats and techniques. Utilization of the creative process in problem solving is emphasized.


266: History of Art I. 0-3-3. A survey of the painting, sculpture, architecture, and minor arts of ancient and medieval societies. Statewide Transfer Agreement Course*.

267: History of Art II. 0-3-3. Preq., ART 266. A survey of the painting, sculpture, architecture, and minor arts from the Renaissance to the present. Statewide Transfer Agreement Course*.


290: Art Appreciation. 0-3-3. Study and enjoyment of art in its various expressions. Principles for critical judgment. Art in dress, the home, furniture, textiles, pottery, painting, graphic arts, and civic art. (non-art majors only). Statewide Transfer Agreement Course*.

301: Appreciation and Application of Elementary Art Structure. 0-3-3. Preq., consent of instructor. Theory and practice using the principles of design as basis for appreciation of the visual arts.

320: Painting. 6-1-3. Preq., ART 221. Creative approach to the problems in painting with emphasis on experimentation in various media, subjects, and techniques.

321: Painting. 6-1-3. Continuation of ART 320.

331: Introduction to Printmaking. 6-1-3. Preq., ART 116 and 126. A basic survey of printing techniques in linoleum cut, woodcut, collagraph, dry point, etching and lithography.

346: Ceramics. 6-1-3. Preq., ART 240 and 241. An Advanced course in ceramic design and construction with the introduction to the construction and use of ceramic kilns.


361: Art Direction. 6-1-3. Preq., ART 261, 262, and 263. Advanced studio projects emphasizing problem-solving within a creative team and utilizing multiple design and imaging media and techniques.

362: Computer Graphics. 6-1-3 (9). Preq., ART 260. Exploration of the uses of contemporary computer software and hardware for the creation of graphic design projects.


373: Commercial Photography. 6-1-3. Preq., ART 372. An introduction to commercial applications of photography. Large format camera operation is studied with assignments covering a wide range of topics from Architecture to Fashion.

374: Commercial Portfolio. 6-1-3. Preq., ART 373. A concentrated study in one area of interest and production of a portfolio suitable for presentation. Large format color will be used extensively.


391: Sculpture. 6-1-3-(9). Preq., ART 118. Creative approach to problems in metal casting, fabrication, welding, mold technology, and foundry procedures.

415: Studio Problems. 6-1-3 (9). Preq., Permission of instructor. Advanced problems in design. (G)

420: Studio Problems. 6-1-3-(9). Preq., ART 320. Advanced problems in painting. (G)

427: Advanced Drawing. 6-1-3-(9). Preq., ART 228. Interpretive approach to drawing. (G)

430: Studio Problems. 6-1-3-(9). Preq., ART 331. Advanced problems in printmaking. (G)

440: Studio Problems. 6-1-3 (9). Preq., ART 347. An elective course in advanced crafts. (G)

459: Women and the Arts. 0-3-3. Preq., ART 267. Survey of women's involvement with the visual arts. Major emphasis upon anonymous "female" crafts and leading women artists, 1600 to present. (G)

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463: Portfolio I. 6-1-3. Prereq., ART 260. Advanced projects for the professional graphic design portfolio. (G)

464: Computer Graphics for Portfolio. 6-1-3 (6). Prereq., ART 362. Advanced uses of contemporary computer hardware and software for the creation of the graphic design portfolio. (G)


466: History of Modern Art. 0-3-3. Prereq., ART 267. Historical and critical appraisal of art in the 19th and 20th centuries. (G)

467: History of the Arts. 0-3-3. A survey of the arts: furniture; weaving and textiles; tools and weapons; ornament, both domestic and personal; artifacts of daily life such as painting, sculpture, etc. (G)

468: History of American Art. 0-3-3. Prereq., ART 267. Historical and critical appraisal of art in America from the colonial era to the present. (G)

469: History of Italian Art. 0-3-3. Prereq., ART 266. A survey and analysis of the painting, sculpture, and architecture produced in Italy between 1260 and 1600. (G)

470: Studio Problems in Graphic Design. 6-1-3 (9). Prereq., ART 260. Advanced projects in graphic design for the professional portfolio, emphasizing concentration in techniques and problem-solving projects. (G)

471: History and Aesthetics of Photography. 0-3-3. A survey of the photographic image from 1839 to the present, with special emphasis on the development of photographic seeing. (G)

472: Image Manipulation with Computers for Artists. 6-1-3 (9). Prereq., ART 115, 116, and 125. The use of software and computers in digital imagery using photographic resources. Criticism of individual projects and group discussions. (G)

473: Advanced Studio Problems. 6-1-3 (9). Prereq., ART 390 or 391. Creative approach to the problems in sculpture with individually directed experiments in the various sculptural processes. (G)

474: Senior Exhibition. 6-1-3 (9). Senior Standing. One quarter prior to graduation the student must present an exhibition of sufficient quality to warrant exhibiting the project at professional level. Course culminates in graded exhibition. Samples of portfolio work for departmental archives are required. (G)

475: Senior Portfolio. 6-1-3 (9). Prereq., ART 463 and 464, taken only in the quarter of graduation. Preparation of the professional graphic design portfolio and resume. Course culminates in graded exhibition. Samples of portfolio work for departmental archives are required. (G)

476: Graduate Exhibition. 6-1-3 (9). Design project assigned by the Art Graduate Committee. Emphasis on development of practical experience in designer-client relationships and the use of advanced digital design technology to create and disseminate project work, plus inclusion of the collective graduate seminar in Fall and Winter Quarters. (G)

477: Directed Projects in Graphic Design & Digital Imaging. 6-1-3 (9). Design project assigned by the Art Graduate Committee. Emphasis on development of practical experience in designer-client relationships and the use of advanced digital design technology to create and disseminate project work, plus inclusion of the collective graduate seminar in Fall and Winter Quarters. (G)

478: Directed Research in Graphic Design & Digital Imaging. 6-1-3 (9). Research project developed by student with the Art Graduate Committee. Emphasis on advanced application of abilities pertinent to contemporary graphic design such as use of digital design technology, expertise in traditional media imaging, and the creation of visual communications for corporations, plus inclusion of the collective graduate seminar in Fall and Winter Quarters. (G)

479: Directed Projects in Graphic Design & Digital Imaging. 6-1-3 (9). Design project assigned by the Art Graduate Committee. Emphasis on advanced application of abilities pertinent to contemporary graphic design such as use of digital design technology, expertise in traditional media imaging, and the creation of visual communications for corporations, plus inclusion of the collective graduate seminar in Fall and Winter Quarters. (G)

480: Directed Projects in Graphic Design & Digital Imaging. 6-1-3 (9). Design project assigned by the Art Graduate Committee. Emphasis on advanced application of abilities pertinent to contemporary graphic design such as use of digital design technology, expertise in traditional media imaging, and the creation of visual communications for corporations, plus inclusion of the collective graduate seminar in Fall and Winter Quarters. (G)

481: Directed Projects in Graphic Design & Digital Imaging. 6-1-3 (9). Design project assigned by the Art Graduate Committee. Emphasis on advanced application of abilities pertinent to contemporary graphic design such as use of digital design technology, expertise in traditional media imaging, and the creation of visual communications for corporations, plus inclusion of the collective graduate seminar in Fall and Winter Quarters. (G)

482: Directed Projects in Graphic Design & Digital Imaging. 6-1-3 (9). Design project assigned by the Art Graduate Committee. Emphasis on advanced application of abilities pertinent to contemporary graphic design such as use of digital design technology, expertise in traditional media imaging, and the creation of visual communications for corporations, plus inclusion of the collective graduate seminar in Fall and Winter Quarters. (G)
579: Graduate Seminar in Graphic Design Education. 0-3-3 (6). Discussion and guided research concerning college classroom and computer laboratory instruction in graphic design.

580: Master’s Thesis & Exhibition in Graphic Design. 0-3-3. Preparation of a thesis paper for submission to the Art Graduate Committee and a public exhibition of thesis visual works in graphic design.

### BIOLOGICAL SCIENCES (BISC)

101: Fundamentals of Biology I. 0-3-3. Introduction to biological concepts of cell structure and physiology, genetics, evolution, and ecology. Statewide Transfer Agreement Course.*


131: Biological Principles Laboratory. 3-0-1. Coreq., BISC 130. Student-oriented experiments and demonstrations emphasizing biomolecules, cells, metabolism, genetics, evolution, and ecology.


133: Biological Diversity Laboratory. 3-0-1. Coreq., BISC 132. Investigations of the classification, anatomy, and physiology of prokaroytes and eukaryotes.

134: Botany. 0-3-3. Introduction to botany, including the biology of plants, fungi, bacteria, and viruses.

150: Phlebotomy. 0-2-2. Principles of specimen collection, techniques, and processing with emphasis on related issues of patient relations, medical terminology, anatomy and physiology, quality assurance, safety and compliance.

151: Phlebotomy Laboratory. 10-0-2. Preq. or Corرق., BISC 150. A laboratory to accompany BISC 150. Instruction and practicum concerning specimen collection techniques of both routine and special considerations.

199: The Biology Connection. 0-1-1. (Pass/ fail). Designed to inform sophomore biology majors about advanced study techniques, resume and portfolio construction, research opportunities, standardized test taking, application procedures, and post-graduate studies.

200: Principles of Genetics. 0-3-3. Fundamental laws of heredity as applied to plants, animals, and humans.

201: Scientific Principles. 0-3-3. A general course embracing the principles of the biological and physical sciences, incorporating teacher demonstration and laboratory activities.


211: Introduction to Environmental Science. 0-3-3. Basic laws, principles, and issues related to causes, effects, and controls of environmental problems including human-environment interactions. Credit will not be given if BISC 211 is credited for ENSC 211.

212: Conservation and Management of Natural Resources. 0-3-3. An introduction to the management of renewable resources including the use, conservation, and sustainability of these resources. Credit will not be given if ENSC 212 if credit is given for ENSC 212.

214: Survey of Microbiology. 4-3-4. Fundamental concepts of microbiology, emphasizing techniques and laboratory procedures used in medically related studies.

216: Plant Biology. 0-3-3. Preq., BISC 130, 131. Introduction to the biology of plants including growth, morphology, physiology, genetics, diversity, and propagation.

217: Plant Biology Laboratory. 3-0-1. Preq. or Coreq., BISC 216. Exploration and application of plant biology concepts and processes.


222: Taxonomy and Morphology of Vascular Plants II. 3-2-3. Preq., BISC 221. Survey of taxonomy to include a local project. Additional common vascular plant families and identification of plants in winter condition will also be included.

224: Human Anatomy and Physiology. 0-3-3. Preq., Consult with your advisor. The structure and functions of the organ systems of the human body, including anatomy of the visual and hearing mechanisms.

225: Human Anatomy and Physiology. 0-3-3. Preq., Consult with your advisor. Introduction to human anatomy and physiology including structure and function of cells, tissues, organs and the integumentary, skeletal, muscular, and nervous systems.

226: Anatomy and Physiology Laboratory. 3-0-1. Preq., BISC 225, or concurrent enrollment. Specially designed exercises permitting students to observe the physiology of living organisms.

227: Human Anatomy and Physiology. 0-3-3. Preq., BISC 225 or equivalent. A continuation of 225. Including structure and function of circulatory, respiratory, digestive, excretory, endocrine, and reproductive systems.

228: Anatomy and Physiology Laboratory. 3-0-1. Preq., BISC 227, or concurrent enrollment. Additional laboratory exercises to illustrate the anatomy and physiology of animals.


246: Instrumentation. 4-2-3. Preq., 8 semester hours of biological or chemical sciences. Emphasizes laboratory safety and the operational theory, use, and maintenance of instruments appropriate to biological, environmental, and medical investigations. Credit will not be given for BISC 246 if credit is given for ENSC 246.

250: Introduction to Clinical Laboratory Sciences. 4-1-2. Introduction to the curriculum and profession including computer utilization in problem solving, professional awareness, pre-clinical/clinical articulations, and information sources in medical technologies.

260: Microbiology. 4-3-4. Preq., CHEM 100, 101; BISC 130, 131. Designed for students majoring in science. Course will cover topics in clinical, applied, environmental, and eukaryotic microbiology. Statewide Transfer Agreement Course.*


275: Aquatic Bioassays. 0-1-1. Internet-based course centering on governmental regulations concerning bioassays to test for toxicity in waste effluents released into natural waters in the United States. Credit will not be given if BISC 275 is credited for ENSC 275.

284: Introduction to Marine Science. 8-3-4. Preq., BISC 132, 133. Introduction to chemical, geological, and biological processes in the oceans and coastal environments; interrelationships of humans and the marine environment. Five weeks spent at the Louisiana Universities Marine Consortium Coastal Laboratory.

285: Introduction to Marine Zoology. 8-3-4. Preq., BISC 132, 133. Survey of marine animals, particularly those of the Louisiana Gulf Coast, including classification, morphology, physiology, and ecology. Five weeks at the Louisiana Marine Consortium Coastal Laboratory.


301: Essentials of Exercise Physiology. 0-1-1. This on-line course will survey the central concepts of human exercise with regard to both theory and applications of fitness and performance.


313: Ecology. 4 1/4-2-3. Preq., BISC 132, 133. An overview of the interactions of plants, animals, and non-living factors as they influence individuals, populations, communities, and ecosystems. Credit will not be given if BISC 313 is credited for ENSC 313.

315: Cell Biology. 0-3-3. Preq., BISC 132, 133. Detailed study of the structural and functional organization of the cell and the interactions of the organelles with respect to metabolism and heredity.


320: Animal Physiology. 0-3-3. Preq., BISC 132, 133, (BISC 290 strongly recommended). A general and comparative approach to the principles and concepts of physiology which apply to animal systems.

321: Animal Physiology Laboratory. 4-0-1. Laboratory studies in animal physiology.


341: Hematology. 4 1/2-3-8. Semester credits of BISC. Quantitative and qualitative methods for determining the composition of cellular blood and a study of its histology, morphology and physiology.

343: Medical Microbiology and Immunology. 4-3-4. Lecture and laboratory exposure to principles of pathogenic bacteriology, immunology, virology, mycology, and parasitology with a diagnostic emphasis.